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Patent Attorney Dkt. No. <u>040071-290</u>

ABSTRACT

A system and method for suppressing disturbance signal components in a communication signal is disclosed. The system and method utilize a priori information about the fundamental frequency of the disturbance signal component to generate an estimate of the disturbance signal component. This estimated disturbance signal may be subtracted from the communication signal to suppress the disturbance signal component in the communication signal.